



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/620,586
Filing Date: July 16, 2003
Applicant: Brian Robert Crowell
Group Art Unit: 2125
Examiner: Douglas S. Lee
Title: SYSTEM AND METHOD FOR DATA RETRIEVAL IN AC
POWER TOOLS VIA AN AC LINE CORD
Attorney Docket: 0275A-000591

Director of the United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant hereby submits an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS, AND OTHER INFORMATION

The patents, publications and other information requested to be considered by the Office (except unpublished U.S. patent applications) are listed on Form 1449 attached hereto.

II. COPIES

A. ☒ Submitted herewith is a legible copy of (i) each foreign patent; (ii) each publication or that portion which caused it to be listed, other than U.S. patents and U.S. patent application publications unless required by the Office; (iii) each unpublished U.S. application listed below in Section IV (i.e., including the specification, claims, and any drawing of the application, or that portion of the application which caused it to be listed, including any claims directed to that portion), except for such applications filed on or after June 30, 2003, pursuant to the Waiver of the Copy Requirement in 37 C.F.R. 1.98 (OG Notice dated October 19, 2004); and (iv) all other information or that portion which caused it to be listed.

B. ☐ Any patents, publications or other information which are listed on Form 1449 or on the copies of PTO-892, but which are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S. Serial Number

U.S. Filing Date

C. ☐ This is a PCT application in the entry of the National Phase in the United States. A copy of the International Search Report is attached for the Examiner's information. The documents listed on the International Search report are listed on the attached Form 1449 for consideration by the Examiner and for listing on any patent resulting from this application. If the International Search report was from the US, EPO, or JPO search authorities, copies of these references should have been supplied to the USPTO under the trilateral agreement and are believed to be in the file of the above-identified application. (MPEP 1893.03(g).)

III. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)

A. ☒ Except as may be indicated below in (B), all of the patents, publications or other information are in the English language (concise explanation not required).

B. ☒ A concise explanation of the relevance of each patent, publication or other information listed that is not in the English language is as follows (see 37 C.F.R. § 1.98(a)(3)):

1. ☒ See the attached foreign patent office communication from a counterpart foreign application: European Search Report for EP 05 00 7491 mailed June 15, 2005.

2. ☒ English translations are provided: As noted on attached Form 1449.

3. ☐ Other:

C. ☐ The following additional information is provided for the Examiner's consideration.

IV. CROSS REFERENCE TO RELATED APPLICATION(S)

A. ☐ The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this(these) application(s) to the Examiner's attention, Applicant(s) does (do) not waive the confidentiality provisions of 35 U.S.C. § 122.

Serial No.

Filing Date

Art Unit

V. THIS IDS IS BEING FILED UNDER

A. ☐ **37 C.F.R. § 1.97(b):** (check only one box)

1. ☐ within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) (37 C.F.R. § 1.97(b)(1)). No fee or certification is required.
2. ☐ within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. § 1.97(b)(2)). No fee or certification is required.
3. ☐ before the mailing of a first Office Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below; or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).
4. ☐ before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No fee or certification is required.

B. ☒ **37 C.F.R. § 1.97(c):** (check only one box)

before the mailing date of either any Final Office Action under 37 C.F.R. § 1.113, a Notice of Allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution.

1. ☒ No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).
2. ☐ See the certification below. No fee is required.

C. ☐ 37 C.F.R. § 1.97(d):

after the mailing date of either a Final Office Action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311, yet on or before payment of the issue fee.

1. ☐ See the certification below. A fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).

VI. CERTIFICATION UNDER 37 C.F.R. § 1.97(e): (check only one box)

The undersigned hereby certifies that:

A. ☐ each item of information contained in this IDS was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(1)). See further statement under 37 C.F.R. 1.704(d) below in section VII, if applicable; or

B. ☐ no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(2)).

C. ☐ some of the items of information were first cited in a communication from a foreign patent office. As to this information, the undersigned hereby certifies that each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS.

VII. STATEMENT UNDER 37 C.F.R. 1.704(d)

The undersigned hereby states that:

☐ each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this IDS.

VIII. PAYMENT OF FEES (check only one box)

A. ☐ A check in the amount of \$180.00 is enclosed for the above identified fee.

B. ☒ Please charge Black & Deposit Account No. 02-2548 in the amount of \$180.00 for the above-indicated fee. A duplicate copy of this paper is attached.

The above references are being cited only in the interest of candor and without any admission that they constitute statutory prior art, contain matter which anticipates the invention, or which would render the same obvious, either singly or in combination, to a person of ordinary skill in the art. Furthermore, this Information Disclosure Statement shall not be construed as a representation that a search has been made.

If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Black & Deposit Account No. 02-2548.

Please charge any additional fees or credit any overpayment pursuant to 37 C.F.R. § 1.16 or § 1.17 to Black & Decker Deposit Account No. 02-2548.

Respectfully submitted,

Dated: Sept 20, 2005

By: Mark D. Elchuk
Mark D. Elchuk
Reg. No. 33,686

Harness, Dickey & Pierce, P.L.C.
P.O. Box 828
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MDE/lf-s



FORM HD-1449 (Based on Form PTO-1449)

PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Sheet 1 of 4

ATTORNEY DOCKET NO.	SERIAL NO.
0275A-000591	10/620,586
APPLICANT	
Brian Robert Crowell	
FILING DATE	GROUP
July 16, 2003	2125

U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.		4,162,527	07/24/1979	Kilbane et al.		
2.		4,194,178	03/18/1980	Dumbeck		
3.		4,263,647	04/21/1981	Merrell et al.		
4.		4,351,029	09/21/1982	Maxey et al.		
5.		4,410,846	10/18/1983	Gerber et al.		
6.		4,418,333	11/29/1983	Schwarzbach et al.		
7.		4,513,381	04/23/1985	Houser, Jr. et al.		
8.		4,628,459	12/09/1986	Shinohara et al.		
9.		4,636,961	01/13/1987	Bauer		
10.		4,665,399	05/12/1987	Fausser et al.		
11.		4,714,912	12/22/1987	Roberts et al.		
12.		4,809,200	02/28/1989	Moore et al.		
13.		4,854,786	08/08/1989	Alexander et al.		
14.		4,910,753	03/20/1990	Wakatsuki et al.		
15.		5,051,720	09/24/1991	Kittirutsunetorn		
16.		5,323,325	06/21/1994	Izumiya		
17.		5,416,399	05/16/1995	Brunson		
18.		5,504,864	04/02/1996	Berg		
19.		5,568,033	10/22/1996	Brunson		
20.		5,581,229	12/03/1996	Hunt		
21.		5,587,931	12/24/1996	Jones et al.		

Examiner:

Date Considered:

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 2 of 4	ATTORNEY DOCKET NO.	SERIAL No.
	0275A-000591	10/620,586
	APPLICANT	
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	July 16, 2003	2125

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
22.		5,710,712	01/20/1998	Labun		
23.		5,875,420	02/23/1999	Piety et al.		
24.		5,903,462	05/11/1999	Wagner et al.		
25.		5,981,905	11/09/1999	Ohmi et al.		
26.		6,005,489	12/21/1999	Siegle et al.		
27.		6,021,360	02/01/2000	Barker et al.		
28.		6,202,002	03/01/2001	Fainstein et al.		
29.		6,218,806	04/17/2001	Brotto et al.		
30.		6,260,427	07/17/2001	Jones et al.		
31.		6,308,138	10/23/2001	Jones et al.		
32.		6,326,884	12/04/2001	Wohlrabe		
33.		6,343,649	02/05/2002	Beck et al.		
34.		6,359,569	03/19/2002	Beck et al.		
35.		6,390,205	05/21/2002	Wallgren et al.		
36.		6,570,493	05/27/2003	Rotem		
37.		2001/00104555	08/02/2001	Brotto et al		
38.		2002/0144832	10/10/2002	Brandstrom et al.		

Examiner:	Date Considered:
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EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 3 of 4	ATTORNEY DOCKET NO.	SERIAL NO.
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	APPLICANT	
	Brian Robert Crowell	
	FILING DATE	GROUP
	July 16, 2003	2125

FOREIGN PATENT DOCUMENTS							
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes No	
1.		EP 0 119 928 A1	09/26/1984	European		Abstract	
2.		EP 1 043 107 A2	10/11/2000	European		Abstract	
3.		EP 0 148 458 A2	07/17/1985	European		N/A	
4.		EP 0 148 458 B1	09/30/1992	European		Abstract	
5.		FR 2 599 877	12/11/1987	France		Abstract	
6.		DE 37 44 733 C2	08/31/1989	Germany		Abstract	
7.		DE 43 12 161 A1	10/20/1994	Germany		Abstract	
8.		DE 197 13 686 A1	10/08/1998	Germany		Abstract	
9.		DE 198 24 169 A1	12/02/1999	Germany		Abstract	
10.		DE 100 13 023 A1	09/20/2001	Germany		Abstract	
11.		DE 100 14 183 A1	10/04/2001	Germany		Abstract	
12.		DE 100 24 221 C1	07/26/2001	Germany		Abstract	
13.		DE 100 29 133 A1	01/03/2002	Germany		Abstract	
14.		DE 100 29 138 A1	01/03/2002	Germany		Abstract	
15.		DE 200 07 904 U1	10/11/2001	Germany		Abstract	
16.		DE 33 12 600 A1	10/11/1984	Germany		Abstract	
17.		DE 34 17 455 A1	11/14/1985	Germany		Abstract	
18.		DE 41 19 094 A1	01/28/1993	Germany		Abstract	
19.		DE 42 04 237 A1	08/19/1993	Germany		Abstract	
20.		DE 44 02 236 C2	09/26/1996	Germany		Abstract	

Examiner:	Date Considered:
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FOREIGN PATENT DOCUMENTS							
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
21.		DE 195 37 280 A1	04/10/1997	Germany		Abstract	
22.		DE 196 12 089 A1	10/02/1997	Germany		Abstract	
23.		DE 196 06 719 C2	12/11/1997	Germany		Abstract	
24.		GB 2 352 376	01/24/2001	Great Britain		N/A	
25.		JP 08141927 A	06/04/1996	Japan		Abstract only	
26.		JP 10305366 A	11/17/1998	Japan		Abstract only	
27.		JP 11129164 A	05/18/1999	Japan		Abstract only	
28.		JP 07-240705	09/12/1995	Japan		Abstract only	
29.		JP 02246656	04/27/1992	Japan		Abstract only	
30.		WO 96/06479	02/29/1996	WO		N/A	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
1.		NONE

Examiner:	Date Considered:
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EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.